

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: TADASHI OKAMOTO
- (ii) TITLE OF INVENTION: PROCESS FOR DETECTING TARGET
NUCLEIC ACID, PROCESS FOR QUANTIFYING THE SAME,
AND PYRYLIUM COMPOUND FOR CHEMILUMINESCENCE
ANALYSIS
- (iii) NUMBER OF SEQUENCES: 4
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE:
FITZPATRICK, CELLA, HARPER & SCINTO
 - (B) STREET: 30 ROCKEFELLER PLAZA
 - (C) CITY: NEW YORK
 - (D) STATE: NEW YORK
 - (E) COUNTRY: UNITED STATE OF AMERICA
 - (F) ZIP: 10112-3801
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: DISKETTE: 3.50 INCH, 144 MB
STORAGE
 - (B) COMPUTER: IBM
 - (C) OPERATING SYSTEM: MS-DOS
 - (D) SOFTWARE: PATENTIN VER. 2.0
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/943,019
 - (B) FILING DATE: OCTOBER 2, 1997

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 17 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "SYNTHETIC DNA"
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GTTTTCCCAG TCACGAC

17

(2) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 22 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "SYNTHETIC DNA"

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ATGCTGGCCG TGACGCACAG CA

22

(2) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 17 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "SYNTHETIC RNA"

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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17

(2) INFORMATION FOR SEQ ID NO: 4

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 17 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "SYNTHETIC DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

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U. S. G. O. P. E. R. T.